

11/27/01



1064 U.S. PTO

11-29-01

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PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. ADACHI P215US

First Inventor Mitsuo TAKEDA

Title THREE-DIMENSIONAL SHAPE...

Express Mail Label No. EL909255722US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 26]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages 3]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Other: Express Mail Certificate Sub. of Formal Drawings

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

☒ Customer Number or Bar Code Label

PATENT &amp; TRADEMARK OFFICE

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or ☐ Correspondence address below

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State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Michael J. Byfield

Registration No. (Attorney/Agent)

32,018

Signature

Date 11/27/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTO/SB/17 (10-01)

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 410

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Mitsuo TAKEDA et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	ADACHI P215US

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

04-0213

Deposit  
Account  
Name

DAVIS &amp; BUJOLD, P.L.L.C.

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
- 
- Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description
101	740	201	370		Utility filing fee
106	330	206	165		Design filing fee
107	510	207	255		Plant filing fee
108	740	208	370		Reissue filing fee
114	160	214	80		Provisional filing fee

Fee Paid

370

SUBTOTAL (1) (\$ ) 370

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
12	-20** = 0	0	0
3	-3** = 0	0	0
Multiple Dependent			

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description
103	18	203	9		Claims in excess of 20
102	84	202	42		Independent claims in excess of 3
104	280	204	140		Multiple dependent claim, if not paid
109	84	209	42		** Reissue independent claims over original patent
110	18	210	9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) -0-

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 40

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Michael J. Bujold	Registration No. (Attorney/Agent)	32,018	Telephone	603-624-9220
Signature		Date	11/27/01		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Mitsuo TAKEDA, Teruaki YOGO, Hideyuki  
Serial no. : TANAKA and Ruowei GU  
Filed :  
For : THREE-DIMENSIONAL SHAPE MEASURING  
METHOD  
Group Art Unit :  
Examiner :  
Docket : ADACHI P215US

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: **EL909255722US**

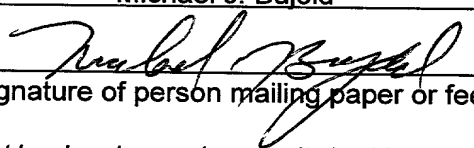
Date of Deposit: 11/27/01

I hereby state that the following attached paper or fee:

**Check for \$410;**  
**Patent Application Transmittal-1 pg.;**  
**Fee Transmittal Ltr (+Dupl)-1 pg.;**  
**Specification/Claims/Abstract- 26 pgs.;**  
**Submission of Formal Drawings-1 pg.; Drawings - 8 pgs.;**  
**Declaration & Power of Atty- 3 pgs.; Assignment & Cover-2 pgs.;**  
**Information Disclosure Statement-1pg.;**  
**PTO Form 1449-1 pg.; 1 Citation;**  
**Return Postcard**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Michael J. Bujold

  
Signature of person mailing paper or fee

NOTE: *The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.*

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Mitsuo TAKEDA, Teruaki YOGO, Hideyuki  
Serial no. : TANAKA and Ruowei GU  
Filed :  
For : THREE-DIMENSIONAL SHAPE MEASURING  
METHOD  
Group Art Unit :  
Examiner :  
Docket : ADACHI P215US

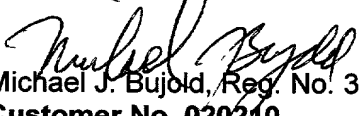
The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**SUBMISSION OF FORMAL DRAWINGS**

Enclosed please find eight (8) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,

  
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